



GP-1714

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Trudi Thompson
Trudi Thompson

PATENT

Applicant: **Wang et al.**

Serial No.: **09/876572**

Filed: **June 7, 2001**

Title: **PROCESS FOR THE SURFACE
MODIFICATION OF A POLYMER
SUBSTRATE & POLYMERS
FORMED THEREFROM**

Examiner: **S. McClendon**

Group Art Unit: **1714**

Atty Docket No.: **460063.94**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RESPONSE TO OFFICE ACTION

Commissioner for Patents
Washington, DC 20231

Sir:

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TC 1700

In response to the Office Action dated September 5, 2002, Applicants respond as follows:

In the Claims:

Please cancel claim 10.

Please amend claims 1 and 11-14 as follows:

1. (Amended) A process for the surface modification of a polymer substrate, the process comprising the steps of:

a. absorbing a swelling monomer into the polymer substrate in order to swell the polymer substrate;

b. polymerizing the swelling monomer for a period of time, wherein an initiator initiates the polymerization of the swelling monomer; and

c. removing the polymer substrate from the swelling monomer at the end of the period of time.

11. (Amended) The process of claim 1, wherein the initiator is ultraviolet radiation.

12. (Amended) The process of claim 1, wherein the initiator is heat.